Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 30 Sep 2022 until 23:59 on Saturday 01 Oct 2022

Forecast Issued on Thursday 29 Sep 2022 at 13:48

Confidence: High confidence in most aspects tomorrow and over the weekend. Lower confidence from Monday due to a developing low pressure system.

Headline for Friday 30 Sep 2022: Strong winds and heavy rain will cross the area.

Mountain weather hazards on Friday 30 Sep 2022

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy rain showers	Partly cloudy (night)
Precipitation probability							
<05%	<05%	10%	30%	60%	90%	70%	10%

Forecast for Friday 30 Sep 2022

Weather: Any fog will clear during the morning as the wind increases ahead of a band of rain. This will arrive late morning with gale force winds likely especially on higher ground and heavy persistent rain for much of the afternoon. Rain will clear early evening with winds easing somewhat, although remaining strong.

Chance of cloud-free hill tops above 600m: 95% at first, decreasing to 20% from late morning. 90% in the evening.

Low cloud and visibility: Very poor visibility in early fog patches with nearby landmarks obscured. Otherwise mostly good with distant hills visible, before becoming poor in rain and very poor in extensive low cloud with bases 300-400m during the afternoon. Becoming excellent once rains clears in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 30 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 SE	10/14 S	17/25 S	23/34 S	29/42 S	36/51 S	22/32 W	22/31 W	23/34 W
300	3/6 S	6/10 S	11/19 S	16/26 S	23/36 S	28/44 S	17/28 W	16/27 W	16/27 SW
Valley	4/9 E	4/10 SE	6/18 S	11/25 S	16/36 S	20/42 S	11/24 W	10/24 W	12/27 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	7/4	7/3	8/3	8/3	9/3	10/6	9/5	8/3
300	8/8	8/7	9/6	9/6	10/7	11/6	12/9	11/8	10/7
Valley	8/7	7/6	8/6	10/8	11/8	11/8	12/10	11/9	10/8
Freezing Level*	1600m	1600m	1700m	1800m	2400m	2600m	2000m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong gales will make walking very difficult at higher levels, and navigation will be tricky in cloud and heavy rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 29 Sep 2022	7mm	9.4mm	11.6mm

Forecast for Saturday 01 Oct 2022

Weather: Clear or sunny spells and scattered heavy and blustery showers. These may be frequent at times, and will continue into the evening.

Maximum wind: Westerly 25-30mph gusting 40mph.

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: Excellent visibility generally, briefly becoming poor in showers, and poor in any cloud on higher slopes. Cloud bases will be generally above the summits from late morning, but there may be patchy cloud down to 400-500m at first, and bases are likely to fall to cover the tops around showers.

Temperature: **Valleys:** Plus 8C rising to 14C.
At 600m: Plus 6C rising to 12C.
Freezing level: Above the summits.

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